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TRANSMITTAL FORM

I hereby certify that this correspondence is being deposited with the United States Postal Service as "Express Mail" under Label No. EV 282 673 341US in an envelope addressed to: Mail Stop: Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on:

Sept. 5, 2003
(Date of Deposit)



Kathy Dixon

22264 U.S. PTO
10/65675
09/06/03


Mail Stop: Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Attorney Doc. #: 64,600-120
Mailing Date: Sept. 5, 2003

Dear Sir:

Transmitted herewith for filing is the patent application of:

Inventor(s): **Chen-Kuei Chung Sway Chuang Chung-Chu Chen**

For: **Thermal Bubble Membrane Microfluidic Actuator**

Submitted herewith are:

2 sheet(s) of formal drawings

An Assignment of the invention to Industrial Technology Research Institute, together with Assignment Recordal Sheet

A Declaration for patent application under CFR 1.63 and 1.68

The filing fee has been calculated as shown below:

	No. Filed	No. Extra	Small Entity Fee	Large Entity Fee	Total
Basic Fee			\$375.00	\$750.00	\$750.00
Total Claims	14x20	0 x	\$9.00	\$18.00	\$0
Indep. Claims	2-3	0 x	\$42.00	\$84.00	\$0
Multiple Dep. Clms.			\$140.00	\$280.00	\$0
Assign. Rec. Fee			\$40.00	\$40.00	\$40.00
TOTAL					\$790.00

Mailing Date: Sept 5, 2003
Attorney Docket No.: 64,600-120

Attached is a Credit Card Payment Form for the sum of \$ 790.00

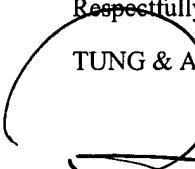
Charge Visa Credit Card No. 4756 8461 9568 0263 the sum of \$ 790.00
A duplicate copy of this transmittal is attached.

The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Visa Credit Card No. 4756 8461 9568 0263.
A duplicate copy of this sheet is enclosed.

Any additional filing fees required under 37 CFR 1.6
 Any patent application processing fees under 37 CFR 1.17

Respectfully submitted,

TUNG & ASSOCIATES


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RWT/kd
Enclosures